

### **REMARKS**

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 1-20 are pending in the present application. Claims 1, 2, 6 and 9 have been amended and claim 20 has been added by the present amendment. Claims 1, 6, 9, 12 and 17 are independent.

In the last Office Action, claims 1, 2 and 5 were rejected under 35 U.S.C. § 102(b) as anticipated by Kibayashi et al.; claim 4 was rejected under 35 U.S.C. § 103(a) as unpatenable over Kibayashi et al.; claims 6-11 were indicated as allowable if rewritten in independent form; and claims 12-19 were allowed.

Applicant thanks the Examiner for the indication of allowable subject matter. In light of this indication, claims 6 and 9 have been rewritten in independent form.

Claims 1, 2 and 5 stand rejected under 35 U.S.C. § 102(a) as anticipated by Kibayashi et al. This rejection is respectfully traversed.

Independent claim 1 has been amended to recite that the power amplifier includes a switch connected between the second power and the second amplifier and configured to selectively provide the second power to the second amplifier. Further, when the switch is switched to provide the second power to the second amplifier, the output impedance matching unit modifies the output voltage value of the first amplifier to be substantially the same as the output voltage value of the second amplifier.

These features are supported at least by Figure 1 and paragraph [0046] in the present application. Further, as noted in paragraphs [0044] and [0045], in the high power mode when the switch is switched to provide the second power to the second amplifier, the output signal of the high power mode amplifier 11 (see Figure 1, for example) and the output signal of the low power mode amplifier 12 are simultaneously received at the input terminal B of the common output impedance matching unit 19. When the voltage size and phase of the output signals of the amplifiers 11 and 12 are different from one another, a signal transmission problem between both amplifiers 11 and 12 may occur.

According to the present invention, however, when the switch is switched to provide the second power to the second amplifier, the output impedance matching unit modifies the output voltage value of the first amplifier to be substantially the same as the output voltage value of the second amplifier.

On the contrary, the transmission line 122 in Figure 3 of Kibayashi et al. does not take into consideration the effect caused by other amplifiers in different branches. For example, the transmission line 122<sub>1</sub> does not modify an output voltage value of the amplifier 152<sub>1</sub> to be substantially the same as the output voltage value of another amplifier such as the amplifier 152<sub>2</sub>.

Accordingly, it is respectfully submitted independent claim 1 and the claims depending therefrom are also allowable.

Further, new claim 20 has been added to set forth the invention in a varying scope, and Applicant submits the new claim is supported by the originally-filed specification. For example, it is respectfully submitted this new claim is supported at least by paragraphs [0046] and [0050] of the present application. It is also respectfully submitted this claim is also allowable as it depends on claim 1.

In addition, the specification has been amended to correct minor informalities. No new matter has been added.

### **CONCLUSION**

All of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider all present rejections and that they be withdrawn. It is believed that a full and complete response has been made to the Office Action, and as such, the present application is in condition for allowance.

If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone David Bilodeau at (703) 205-8072 in the Washington, D.C. area.

A prompt and favorable consideration of this Amendment is respectfully requested.

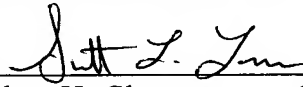
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If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

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Respectfully submitted,

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